

PORSE
11.31/8.1 V4



NPDES #1300 Oily Discharge General
Permit
Discharge Monitoring Report

Submit report monthly by 15th
of following month to:
Oregon DEQ
2020 SW 4th Avenue, Suite 400
Portland, Oregon 97201

Legal Name: KINDER MORGAN LIQUID TERMINALS LLC

Site/File ID #: 32300

Common Name: LINNTON TERMINAL

County: MULTNOMAH

Facility Location: 11400 NW ST HELENS RD , PORTLAND

Month/Year DEC. 2007

Monitoring for Oil/Water Separator

TANK 3034

Day	Oil and Grease (mg/L) Frequency varies, see permit	Visible Sheen Daily, visual observation	Ethanol and/or MBTE Quarterly grab sample, if present on site and in bulk	Flow Daily estimate, when discharging
Limit	10 mg/L monthly, 15 mg/L daily max.	No visible sheen at any time	No limit	No limit
1				
2				
3	ND			124,181
4				
5				
6	ND			
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20	3.6			104,711
21				
22				
23				
24				
25				
26				
27				
28	3.9			117,988
29				
30				
31				
Total	7.5			343,880
Max.	3.9			117,988
Average	1.88			11093

USEPA SF



1288179

See Reverse Side for Additional Monitoring and Signature Block

Stormwater Monitoring

Only for facilities required to have NPDES permits for stormwater, per 40 CFR 122.26
Monitoring required for each point identified in the Stormwater Pollution Control Plan

Day	Visible Sheen	Floating Solids (associated with industry)	Total Copper (mg/L)	Total Lead (mg/L)	Total Zinc (mg/L)	pH (S.U.)	Total Suspended Solids (mg/L)
	Daily when discharging, visual observation	Once per month when discharging	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample	Twice per year, grab sample
Limit	No visible sheen	No visible discharge*	0.1 mg/L*	0.4 mg/L*	0.6 mg/L*	Within 6.0 to 9.0	130 mg/L*
1							
2							
3						6.5	
4							
5							
6			0.015	ND	0.20	6.7	ND
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20						6.5	
21							
22							
23							
24							
25							
26							
27							
28						6.5	
29							
30							
31							
Total							
Max.							
Average							

*These are benchmarks, not effluent limits. If benchmarks are exceeded, review/possible revision of Stormwater plan is required. See permit for more details.

Signature Requirement

I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

Signature of Responsible Official: *Steve Turpin*

Name and Title (Please Print): *Steve Turpin* *Field Scheduler*

Date of Signature: *1-10-08*

Telephone: *503 220 1276*



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation
ATTN: Steve Tungate
5880 NW St. Helens Rd
Portland OR, 92710

PROJECT NAME: Linnton T-3034
PROJECT NUMBER: NPDES 001

PHONE: (503) 220-1276
FAX: (503) 220-1270

SUBMITTED: 12/03/07 11:20

REPORT DATE: 12/05/07 13:35

REPORT NUMBER: 7120306

PAGE: 1 OF 1

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
7120306-01	T3034 20-07	12/03/2007	0945	Water

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
7120306-01	SAMPLE ID: T3034 20-07							
General Bench Analysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	ND	mg/L	2.0	DK	12/04/2007 08:56	

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
TCH: Batch 7L03006 - General Preparation										
QC SAMPLE: Blank (7L03006-BLK1)					Prepared: 12/03/07 Analyzed: 12/04/07					
TOTAL OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (7L03006-BS1)					Prepared: 12/03/07 Analyzed: 12/04/07					
TOTAL OIL AND GREASE	32.5	2.0	mg/L	40.2		80.8	79-114			
QC SAMPLE: LCS Dup (7L03006-BSD1)					Prepared: 12/03/07 Analyzed: 12/04/07					
TOTAL OIL AND GREASE	28.3	2.0	mg/L	40.2		70.4	79-114	13.8	18	SRM-2

Data Qualifiers:

Qualifier	Notes
SRM-2	The recovery of this SRM was low. The batch was accepted on the basis of other reference materials in this batch.

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Authorized for Release By:

James Weinkauf - Laboratory Director

COLUMBIA INSPECTION, INC 7133 N. Lombard, Portland, OR 97203 Ph:(503) 286-9464 Fax:(503) 286-5355 E-mail:citabqa@ColumbiaInspection.com

TANK 3034
DISCHARGE REPORT

NPDES Permit No. 1300-J

*Kinder Morgan
Linnton Terminal
11400 NW St. Helens Road
Portland, Oregon 97231*

Batch No.: 20-07

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
12/4/07	1115	128 453	<i>MB</i>

End of Discharge:

Date	Ending Time	Ending Gauge Reading Gallons	Person Ending Discharge
12/5/07	0945	7272	<i>MB</i>

Total Gallons Discharged = 121,181

NON-COMMERCIAL BILL OF LADING

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (310) 833-1557 Fax: (310) 833-1585

PH test 6.5

Customer Name: Kinder Morgan
Attention: Steve Turgate
Address: 11400 N.W. St Helens RD.
Phone: 503-220-1276
Fax: 503-220-1770
Sampler: Jon Babin ☒ Submitted

Project Name: LSI-104
Project Number: T-3134
P.O. Number: Brd. 30-07
Testing Priority: ASAP Notification Method(s) ☐ Telephone
☐ Normal ☐ Email
☒ Rush AM ☐ Mail
Due Date: 12-4-07

[illegible]

Relinquished By:	Date/Time 0945	Received By:	Date/Time 0947	FOR LABORATORY USE ONLY	
Joe Belmont	12/3/07	B.S.	12/3/07	Inspection Job Number: _____	PO# _____
Relinquished By:	Date/Time	Received By:	Date/Time	Laboratory Project Number: _____	Cash/check # _____
B.S.	1120 12.3.7	VayVong	#12-7-07 1120	Due Date: _____	Amount Paid: \$ _____

Sample Acceptance Policy

All samples must meet the following requirements:

- **Chain of Custody:** The COC list of samples must match the number and type of sample containers received, and sample descriptions on the COC must match the sample bottles. The requested tests and where possible, specific methods are shown on the COC.
- **Appropriate Container:** The correct sample containers must be used for the requested analyses.
- **Sample Volume:** There must be sufficient sample volume for the test(s) requested.
- **Holding Time:** The holding times for the requested analyses must not be expired.

Environmental samples must meet the following additional requirements:

- **Sample Temperature:** Samples that require refrigeration shall be considered acceptable if the temperature as measured upon receipt is either within 2° C of the required temperature or the method specified range. For samples with a specified temperature of 4° C, samples received at temperatures ranging from just above freezing to 6° C shall be acceptable.

NOTE: Samples that are delivered to the laboratory shortly after sampling may not meet this criterion. However, the samples shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice, or if the samples were taken within the hour.

- **Sample Preservation:** Where possible without sacrificing the integrity of the sample, determine whether the sample bottle has been preserved correctly.

Discrepancies:

If there is any doubt as to the suitability for testing such as the sample does not conform to the sample description, the sample containers are damaged, leaking, or may be contaminated from other damaged or leaking sample containers, or where testing is not specified, further instructions from the client are required. If the issue cannot be resolved and the sample does not meet sample acceptance criteria the laboratory shall either.

- Fully document any decision to proceed with the analysis and note the condition of the sample on the COC and work order; or
- Retain correspondence and/or records of conversations regarding the final disposition of rejected samples.

Rejected Samples:

- Should the client choose to proceed with testing on questionable samples, the Work Order must be clearly marked with the nature of the problem so that the final report data may be appropriately qualified.
- Rejected samples must still be logged into LIMS to obtain a unique sample identification number to track sample disposition. However, for rejected samples, no testing is assigned. Instead, the sample status is set to "Rejected" by editing the work order status using the Update Status function of the Laboratory menu in LIMS.

Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation
ATTN: Steve Tungate
5880 NW St. Helens Rd
Portland OR, 92710

PROJECT NAME: 1200Z
PROJECT NUMBER: Willbridge NPDES 003 Batch
1200Z-1

PHONE: (503) 220-1276
FAX: (503) 220-1270

SUBMITTED: 12/06/07 12:25

REPORT DATE: 12/20/07 15:32

REPORT NUMBER: 7120605

PAGE: 1 OF 5

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX				
7120605-01	NPDES T-3034 1200Z	12/06/2007	1200	Water				
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
7120605-01	SAMPLE ID: NPDES T-3034 1200Z							
General Bench Analysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	ND	mg/L	2.0	so	12/19/2007 15:57	
PH	EPA 150.1/9040	pH	6.70	SU		KMC	12/06/2007 15:00	
		TEMPERATURE (C)	16.2	SU				
SUSPENDED SOLIDS	EPA160.2/SM2540	TOTAL SUSPENDED SOLIDS	ND	mg/L	5.00	KMC	12/10/2007 11:00	
Total Metals by Inductively Coupled Plasma								
COPPER - ICP	EPA 200.7/6010B	COPPER	0.015	mg/L	0.004	KMC	12/18/2007 11:36	
LEAD - ICP		LEAD	ND	mg/L	0.004	KMC	12/18/2007 11:36	
ZINC - ICP		ZINC	0.20	mg/L	0.003	KMC	12/18/2007 11:36	

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James Weinkauf - Laboratory Director

COLUMBIA INSPECTION, INC 7133 N. Lombard, Portland, OR 97203 Ph:(503) 286-9464 Fax:(503) 286-5355 E-mail:cilabqa@ColumbiaInspection.com



CERTIFICATE OF ANALYSIS

REPORT DATE: 12/20/07 15:32

REPORT NUMBER: 7120605

PAGE: 2 OF 5

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 7L07001 - General Preparation										
QC SAMPLE: Duplicate (7L07001-DUP1)					Source: 7120608-01 Prepared & Analyzed: 12/07/07					
pH	7.16		SU		7.06			1.41	10	
TEMPERATURE (C)	14.5		"		14.3			1.39	200	
QC SAMPLE: Reference (7L07001-SRM1)					Prepared & Analyzed: 12/07/07					
pH	5.01		SU	5.00		100	97.5-102			
QC SAMPLE: Reference (7L07001-SRM2)					Prepared & Analyzed: 12/07/07					
pH	8.00		SU	8.00		100	97.5-102			
BATCH: Batch 7L17005 - General Preparation										
QC SAMPLE: Blank (7L17005-BLK1)					Prepared & Analyzed: 12/10/07					
TOTAL SUSPENDED SOLIDS	ND	1.00	mg/L							
QC SAMPLE: Duplicate (7L17005-DUP1)					Source: 7120607-02 Prepared & Analyzed: 12/10/07					
TOTAL SUSPENDED SOLIDS	360	5.00	mg/L		530			38.2	20	QR-04
QC SAMPLE: Reference (7L17005-SRM1)					Prepared & Analyzed: 12/10/07					
TOTAL SUSPENDED SOLIDS	27.0	5.00	mg/L	27.6		97.8	80-120			
BATCH: Batch 7L19003 - *** DEFAULT PREP ***										
SAMPLE: Blank (7L19003-BLK1)					Prepared: 12/18/07 Analyzed: 12/19/07					
TOTAL OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (7L19003-BS1)					Prepared: 12/18/07 Analyzed: 12/19/07					
TOTAL OIL AND GREASE	44.0	2.0	mg/L	40.0		110	79-114			SRM-2

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CERTIFICATE OF ANALYSIS

REPORT DATE: 12/20/07 15:32

REPORT NUMBER: 7120605

PAGE: 3 OF 5

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 7L19003 - *** DEFAULT PREP ***										
QC SAMPLE: LCS Dup (7L19003-BSD1)					Prepared: 12/18/07 Analyzed: 12/19/07					
TOTAL OIL AND GREASE	33.0	2.0	mg/L	40.0		82.5	79-114	28.6	18	SRM-2

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CERTIFICATE OF ANALYSIS

REPORT DATE: 12/20/07 15:32

REPORT NUMBER: 7120605

PAGE: 4 OF 5

Total Metals by Inductively Coupled Plasma - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 7L18003 - EPA 3010A										
QC SAMPLE: Blank (7L18003-BLK1)					Prepared & Analyzed: 12/18/07					
COPPER	0.021	0.0009	mg/L							
LEAD	0.007	0.0009	"							
ZINC	0.011	0.0009	"							
QC SAMPLE: Calibration Blank (7L18003-CCB1)					Prepared & Analyzed: 12/18/07					
COPPER	0.017	0.004	mg/L							
LEAD	ND	0.004	"							
ZINC	ND	0.003	"							
QC SAMPLE: Calibration Blank (7L18003-CCB2)					Prepared & Analyzed: 12/18/07					
COPPER	0.015	0.004	mg/L							
LEAD	0.005	0.004	"							
ZINC	ND	0.003	"							
QC SAMPLE: Calibration Check (7L18003-CCV1)					Prepared & Analyzed: 12/18/07					
COPPER	0.955		mg/L	1.00		95.5	85-115			
LEAD	0.891		"	1.00		89.1	85-115			
ZINC	0.896		"	1.00		89.6	85-115			
QC SAMPLE: Calibration Check (7L18003-CCV2)					Prepared & Analyzed: 12/18/07					
COPPER	0.952		mg/L	1.00		95.2	85-115			
LEAD	1.06		"	1.00		106	85-115			
ZINC	1.02		"	1.00		102	85-115			
QC SAMPLE: Matrix Spike (7L18003-MS1)					Source: 7120408-01 Prepared & Analyzed: 12/18/07					
COPPER	0.365	0.004	mg/L	0.400	0.034	82.8	80-120			
LEAD	0.352	0.004	"	0.400	0.006	86.5	80-120			
ZINC	0.484	0.003	"	0.400	0.16	81.0	80-120			

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CERTIFICATE OF ANALYSIS

REPORT DATE: 12/20/07 15:32

REPORT NUMBER: 7120605

PAGE: 5 OF 5

Total Metals by Inductively Coupled Plasma - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
BATCH: Batch 7L18003 - EPA 3010A										
QC SAMPLE: Matrix Spike Dup (7L18003-MSD1)				Source: 7120408-01		Prepared & Analyzed: 12/18/07				
COPPER	0.381	0.004	mg/L	0.400	0.034	86.8	80-120	4.29	15	
LEAD	0.367	0.004	"	0.400	0.006	90.2	80-120	4.17	15	
ZINC	0.479	0.003	"	0.400	0.16	79.8	80-120	1.04	15	

Data Qualifiers:

Qualifier	Notes
QR-04	Due to noted non-homogeneity of the sample matrix, the RPD values for the duplicate sample exceeded control limits.
SRM-2	The recovery of this SRM was low. The batch was accepted on the basis of other reference materials in this batch.

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Authorized for Release By: James Weinkauff - Laboratory Director

Toll Free 888 2-IN-SPEC Local 503-286-9464 FAX 503-286-5355

CI CLIENT # _____ CI WORK ORDER # _____

SPECIAL INSTR:

SAMPLED BY

[illegible]

FAX

CLIENT PROJECT NAME

CLIENT PROJECT #

RUSH (4 3 2 1 DAYS)

**SPECIFIC
DUE DATE:**

☐ COD

ON ACCOUNT #

CLIENT PO

ANALYSES REQUESTED

RELINQUISHED BY

DATE _____ TIME _____

RECEIVED BY

DATE	TIME
------	------

PRINT
SIGNATURE

PRINT
SIGNATURE

PRINT
SIGNATURE

PRINT
SIGNATURE

SUBMISSION OF SAMPLES WITH TESTING REQUIREMENTS TO CL IS AN AGREEMENT FOR SERVICES IN ACCORDANCE WITH CONDITIONS LISTED ON THE BACK OF CLIENT'S COPY.

WHITE COPY - Laboratory

YELLOW COPY - Client

CI Chain Of Custody requirements:

CHAIN OF CUSTODY (COC)

This COC must identify each sample with, ID numbers, descriptions, Matrix's, etc., including additional pertinent information in order to be valid and acceptable.

APPLICABLE CONTAINERS

Sample containers used must be applicable & acceptable for the product in which it is being contained. CI does not assume responsibility for contamination resulting from the use of improper containers.

SAMPLE VOLUME

The container being used should contain the necessary volume (usually 3/4 capacity fill) in order to analyze without being too full causing leakage and/or possible sample contamination.

SAMPLE TEMPERATURE (where applicable)

Samples that require refrigeration shall be considered acceptable if the temperature, as measured upon receipt, is either within 2° Celsius of the required temperature or the temperature the method specifies. For samples with a specified temperature of 4° Celsius, samples received at temperatures ranging from just above freezing to 6° Celsius shall not be acceptable.

NOTE:

Samples delivered to CI laboratory shortly after sampling may not meet the above criterion. However, the samples shall be considered acceptable if the samples chilling process began prior to and arrival is indicative of such a process such as transport & arrival on ice or if sampled within 1 hour.

HOLDING TIMES (where applicable)

Sample hold times, when applicable, must be strictly adhered to and not allowed to expire in order to be valid.

SAMPLE PRESERVATION (where applicable)

Where applicable and where possible without sacrificing integrity of the sample, it shall be determined whether the bottle has been preserved as required.

DISCREPANCIES

If there is doubt as to the suitability for testing, such as the sample does not conform to the sample description, the sample containers are damaged, leaking or possible contamination from other damaged or leaking sample containers or where testing isn't specified, further instructions from the client are required.

If the issue cannot be resolved and the sample does not meet sample acceptance criteria, CI shall either:

- A. Fully document any decision to proceed with analysis & note the condition of the sample on the COC.
- B. Retain correspondence and/or records of communications regarding final disposition of rejected samples.

REJECTED SAMPLES

CI reserves the right to reject any sample that does not meet the CI sample acceptance protocol as outlined in CI laboratory Policy LPOO.OI and/or CI SOP 15.01.

SAMPLE DISPOSAL

Samples are disposed of after 30 days unless other prior arrangements have been made with CI. Hazardous or other deemed samples may either be disposed of prior to the 30 days or returned to the client.

Payment for services

Payment for analysis is required prior to commencement of analysis unless a credit account with CI has been established. Submitting samples is an agreement to contract for the analysis requested and payment thereof.

Delinquent accounts are subject accounts, collection costs and/or attorney fees including interest at the rate of 1.5% mo. on unpaid balances.



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation
ATTN: Steve Tungate
5880 NW St. Helens Rd
Portland OR, 92710

PROJECT NAME: Linnton T-3034

PHONE: (503) 220-1276
FAX: (503) 220-1270

SUBMITTED: 12/20/07 08:12

REPORT DATE: 12/21/07 14:10

REPORT NUMBER: 7122003

PAGE: 1 OF 1

CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX					
7122003-01	T-3034, 21-07	12/20/2007	0700	Water					
SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES	
7122003-01	SAMPLE ID: T-3034, 21-07								
General Bench Analysis									
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	3.6	mg/L	2.0	so	12/21/2007 14:10		

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
.TCH: Batch 7L21011 - *** DEFAULT PREP ***										
QC SAMPLE: Blank (7L21011-BLK1)					Prepared & Analyzed: 12/21/07					
TOTAL OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (7L21011-BS1)					Prepared & Analyzed: 12/21/07					
TOTAL OIL AND GREASE	36.8	2.0	mg/L	40.0		92.0	79-114			
QC SAMPLE: LCS Dup (7L21011-BSD1)					Prepared & Analyzed: 12/21/07					
TOTAL OIL AND GREASE	35.5	2.0	mg/L	40.0		88.8	79-114	3.60	18	

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Authorized for Release By: 

James Weinkauff - Laboratory Director

COLUMBIA INSPECTION, INC 7133 N. Lombard, Portland, OR 97203 Ph:(503) 286-9464 Fax:(503) 286-5355 E-mail:cilabqa@ColumbiaInspection.com

TANK 3034
DISCHARGE REPORT

NPDES Permit No. 1300-J

*Kinder Morgan
Linnon Terminal
11400 NW St. Helens Road
Portland, Oregon 97231*Batch No. 21-07
Batch # and Year

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
12-26-07	0830	23-58 / 124100	SA

End of Discharge:

Date	Ending Time	Ending Gauge Reading Gallons	Person Ending Discharge
12-26-07	13:30	19389	SA

Total Gallons Discharged 104 711

NON-COMMERCIAL BILL OF LADING

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (310) 833-1557 Fax: (310) 833-1585

[illegible]

Relinquished By:		Date/Time	Received By:	Date/Time	FOR LABORATORY USE ONLY	
[Signature]		0800 12/20/07	[Signature]	0801 12/20/07	Inspection Job Number: _____	PO# _____
Relinquished By:		Date/Time	Received By:	Date/Time	Laboratory Project Number: _____	Cash/check # _____
[Signature]		12/20/07 0812	James L. Smith [Signature]	12/20/07 8:12	Due Date: _____	Amount Paid: \$ _____

Sample Acceptance Policy

All samples must meet the following requirements:

- **Chain of Custody:** The COC list of samples must match the number and type of sample containers received, and sample descriptions on the COC must match the sample bottles. The requested tests and where possible, specific methods are shown on the COC.
- **Appropriate Container:** The correct sample containers must be used for the requested analyses.
- **Sample Volume:** There must be sufficient sample volume for the test(s) requested.
- **Holding Time:** The holding times for the requested analyses must not be expired.

Environmental samples must meet the following additional requirements:

- **Sample Temperature:** Samples that require refrigeration shall be considered acceptable if the temperature as measured upon receipt is either within 2° C of the required temperature or the method specified range. For samples with a specified temperature of 4° C, samples received at temperatures ranging from just above freezing to 6° C shall be acceptable.

NOTE: Samples that are delivered to the laboratory shortly after sampling may not meet this criterion. However, the samples shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice, or if the samples were taken within the hour.

- **Sample Preservation:** Where possible without sacrificing the integrity of the sample, determine whether the sample bottle has been preserved correctly.

Discrepancies:

If there is any doubt as to the suitability for testing such as the **sample does not conform to the sample description**, the sample containers are **damaged, leaking, or may be contaminated from other damaged or leaking sample containers**, or where **testing is not specified**, further instructions from the client are required. If the issue cannot be resolved and the sample does not meet sample acceptance criteria the laboratory shall either.

- Fully document any decision to proceed with the analysis and note the condition of the sample on the COC and work order; or
- Retain correspondence and/or records of conversations regarding the final disposition of rejected samples.

Rejected Samples:

- Should the client choose to proceed with testing on questionable samples, the Work Order must be clearly marked with the nature of the problem so that the final report data may be appropriately qualified.
- Rejected samples must still be logged into LIMS to obtain a unique sample identification number to track sample disposition. However, for rejected samples, no testing is assigned. Instead, the sample status is set to "Rejected" by editing the work order status using the Update Status function of the Laboratory menu in LIMS.

Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.



CERTIFICATE OF ANALYSIS

CLIENT: Kinder-Morgan Corporation
ATTN: Steve Tungate
5880 NW St. Helens Rd
Portland OR, 92710

PROJECT NAME: Linnton T-3034
PROJECT NUMBER: T-3034

PHONE: (503) 220-1276
FAX: (503) 220-1270

SUBMITTED: 12/28/07 09:20

REPORT DATE: 12/31/07 16:07

REPORT NUMBER: 7122803

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CI SAMPLE	CLIENTS ID#	DATE	TIME	MATRIX
7122803-01	T-3034 22-07	12/28/2007	0900	Water

SAMPLE/ ANALYSIS	METHOD	PARAMETER	RESULTS	UNITS	DETECTION LIMIT	TECH	DATE/TIME	NOTES
7122803-01	SAMPLE ID: T-3034 22-07							
General Bench Analysis								
O & G, TOTAL (HEM)	EPA 1664	TOTAL OIL AND GREASE	3.9	mg/L	2.0	so	12/28/2007 17:19	

General Bench Analysis - Quality Control

Batch/Sample/Analyte	Result	Detection Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
CH: Batch 7L28013 - *** DEFAULT PREP ***										
QC SAMPLE: Blank (7L28013-BLK1)					Prepared & Analyzed: 12/28/07					
TOTAL OIL AND GREASE	ND	2.0	mg/L							
QC SAMPLE: LCS (7L28013-BS1)					Prepared & Analyzed: 12/28/07					
TOTAL OIL AND GREASE	36.9	2.0	mg/L	40.0		92.2	79-114			
QC SAMPLE: LCS Dup (7L28013-BSD1)					Prepared & Analyzed: 12/28/07					
TOTAL OIL AND GREASE	32.8	2.0	mg/L	40.0		82.0	79-114	11.8	18	

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Authorized for Release By:

James Weinkauff - Laboratory Director

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**TANK 3034
DISCHARGE REPORT**

NPDES Permit No. 1300-J

*Kinder Morgan
Linnton Terminal
11400 NW St. Helens Road
Portland, Oregon 97231*

Batch No.: ~~22-7~~ 22-7

Start of Discharge:

Date	Start Time	Beginning Gauge Reading Gallons	Person Starting Discharge
1/2/08	0815	120081	MB

End of Discharge:

Date	Ending Time	Ending Gauge Reading Gallons	Person Ending Discharge
1/2/08	1420	2093	MB

Total Gallons Discharged = 117988

NON-COMMERCIAL BILL OF LADING

☐ 797 Channel Street, San Pedro, CA 90731

Ph: (310) 833-1557 Fax: (310) 833-1585

PH # 6.5

Project Name: LINANTON
Project Number: T-3034
P.O. Number: 22-07
Testing Priority Notification Method(s)
☐ Normal ☐ Telephone
☒ Rush 2 DAYS ☒ Email
Due Date: 12/31 ☐ Mail

[illegible]

Relinquished By:	Date/Time	Received By:	Date/Time	FOR LABORATORY USE ONLY	
<i>[Signature]</i>	12-23-07 09:20	<i>[Signature]</i>	12/23/07 10:20	Inspection Job Number: _____	PO# _____
Relinquished By:	Date/Time	Received By:	Date/Time	Laboratory Project Number: _____	Cash/check # _____
				Due Date: _____	Amount Paid: \$ _____

Sample Acceptance Policy

All samples must meet the following requirements:

- **Chain of Custody:** The COC list of samples must match the number and type of sample containers received, and sample descriptions on the COC must match the sample bottles. The requested tests and where possible, specific methods are shown on the COC.
- **Appropriate Container:** The correct sample containers must be used for the requested analyses.
- **Sample Volume:** There must be sufficient sample volume for the test(s) requested.
- **Holding Time:** The holding times for the requested analyses must not be expired.

Environmental samples must meet the following additional requirements:

- **Sample Temperature:** Samples that require refrigeration shall be considered acceptable if the temperature as measured upon receipt is either within 2° C of the required temperature or the method specified range. For samples with a specified temperature of 4° C, samples received at temperatures ranging from just above freezing to 6° C shall be acceptable.

NOTE: Samples that are delivered to the laboratory shortly after sampling may not meet this criterion. However, the samples shall be considered acceptable if there is evidence that the chilling process has begun such as arrival on ice, or if the samples were taken within the hour.

- **Sample Preservation:** Where possible without sacrificing the integrity of the sample, determine whether the sample bottle has been preserved correctly.

Discrepancies:

If there is any doubt as to the suitability for testing such as the **sample does not conform to the sample description**, the sample containers are **damaged, leaking, or may be contaminated from other damaged or leaking sample containers**, or where **testing is not specified**, further instructions from the client are required. If the issue cannot be resolved and the sample does not meet sample acceptance criteria the laboratory shall either.

- Fully document any decision to proceed with the analysis and note the condition of the sample on the COC and work order; or
- Retain correspondence and/or records of conversations regarding the final disposition of rejected samples.

Rejected Samples:

- Should the client choose to proceed with testing on questionable samples, the Work Order must be clearly marked with the nature of the problem so that the final report data may be appropriately qualified.
- Rejected samples must still be logged into LIMS to obtain a unique sample identification number to track sample disposition. However, for rejected samples, no testing is assigned. Instead, the sample status is set to "Rejected" by editing the work order status using the Update Status function of the Laboratory menu in LIMS.

Refer to the Columbia Inspection, Inc. Laboratory Policy, LP00.01, Sample Acceptance Policy and SOP15.01 Sample Receipt for complete details.

Sample Disposal:

- Samples are disposed of after 45 days unless prior arrangements have been made with the laboratory.
- Samples that are deemed hazardous may be returned to the client for proper disposal.